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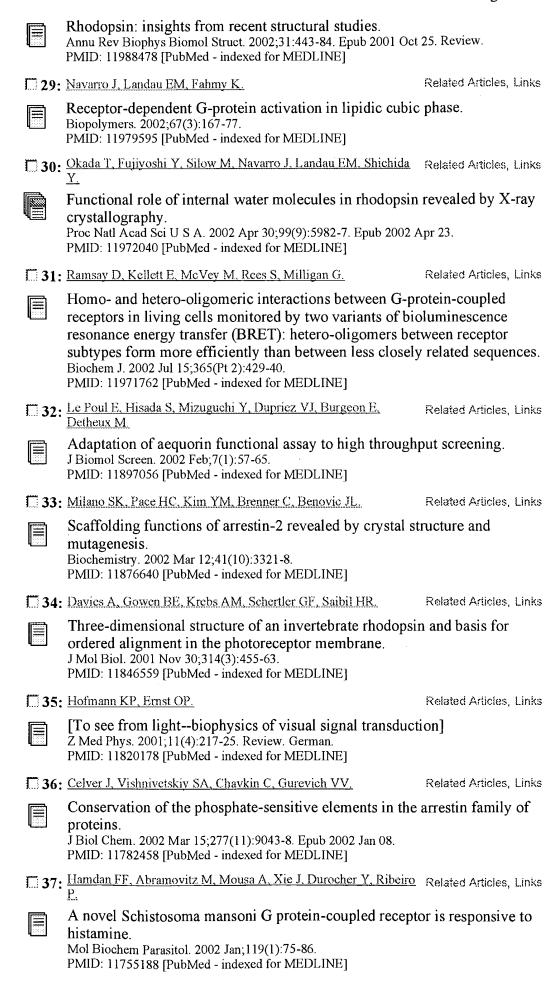
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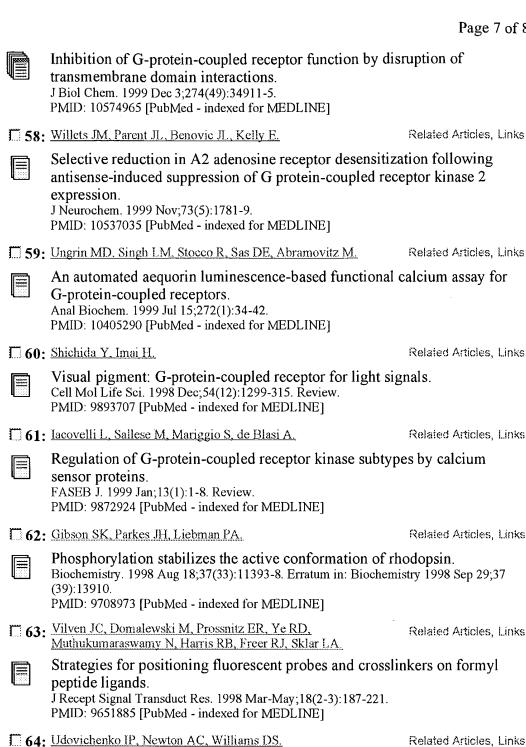


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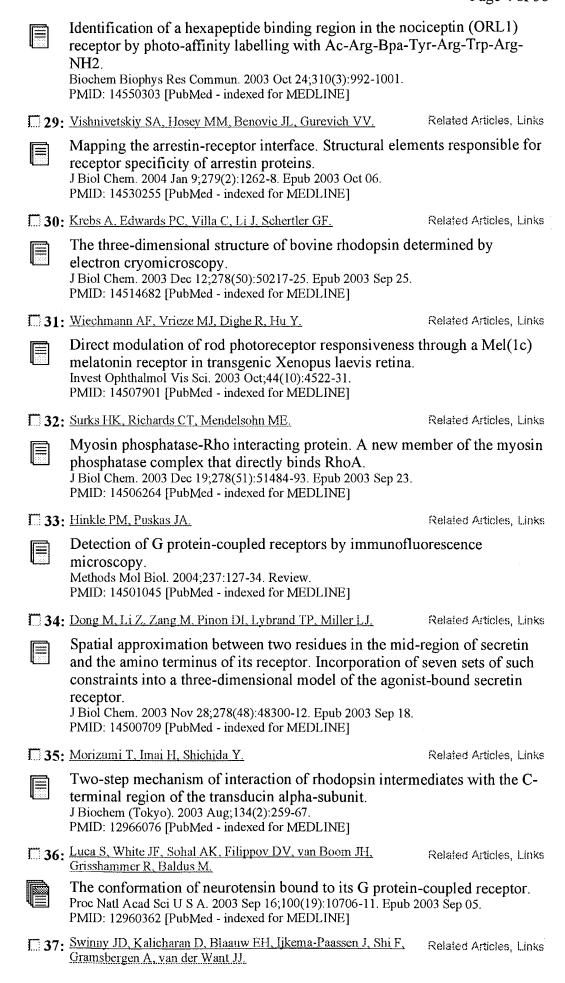
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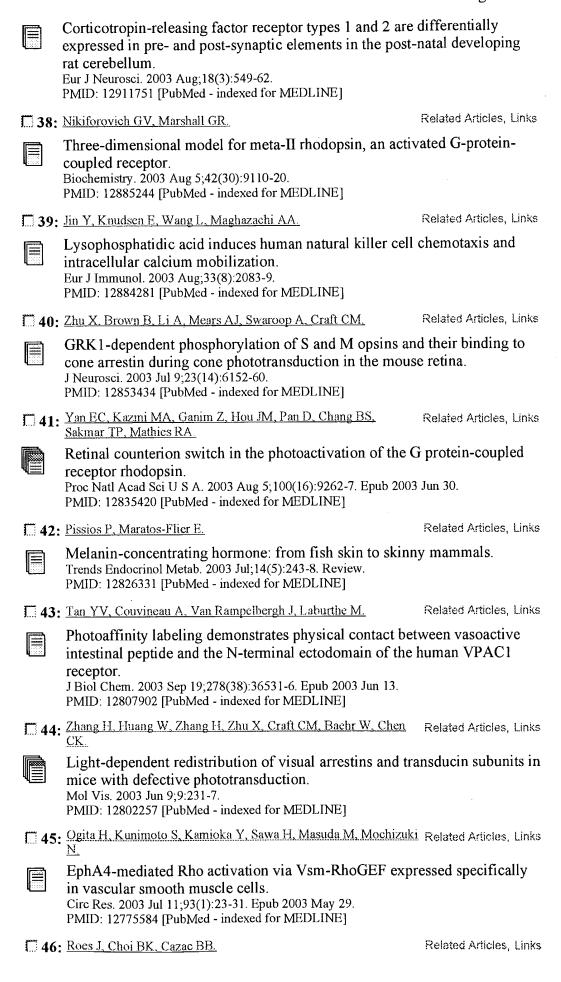


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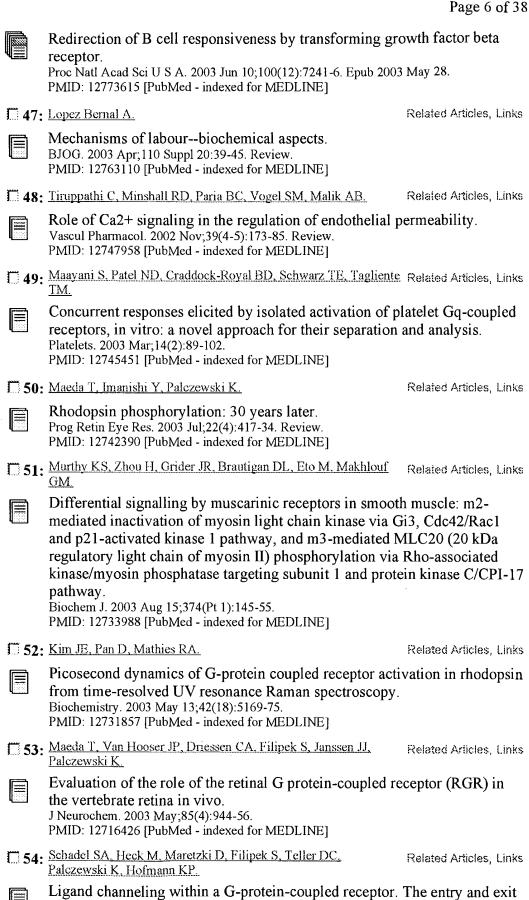


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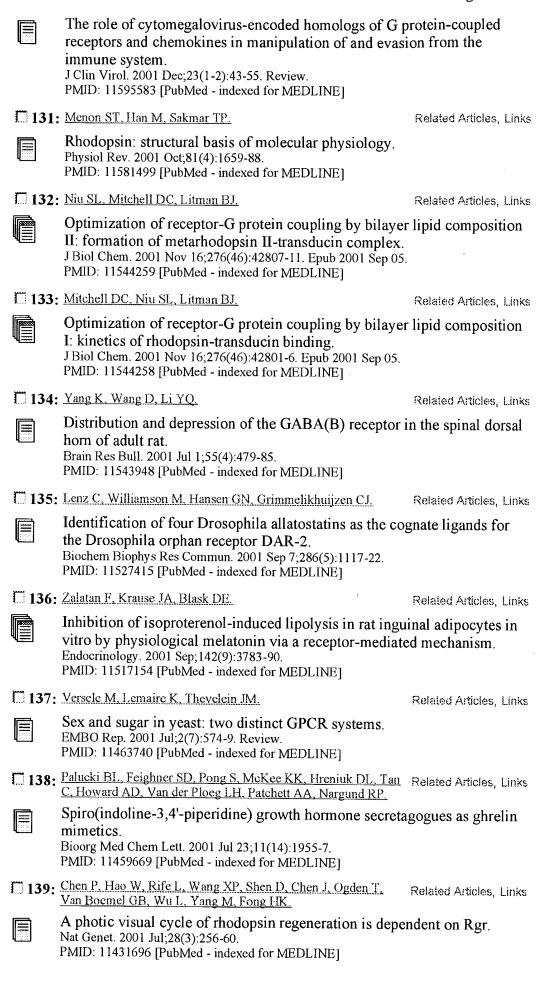
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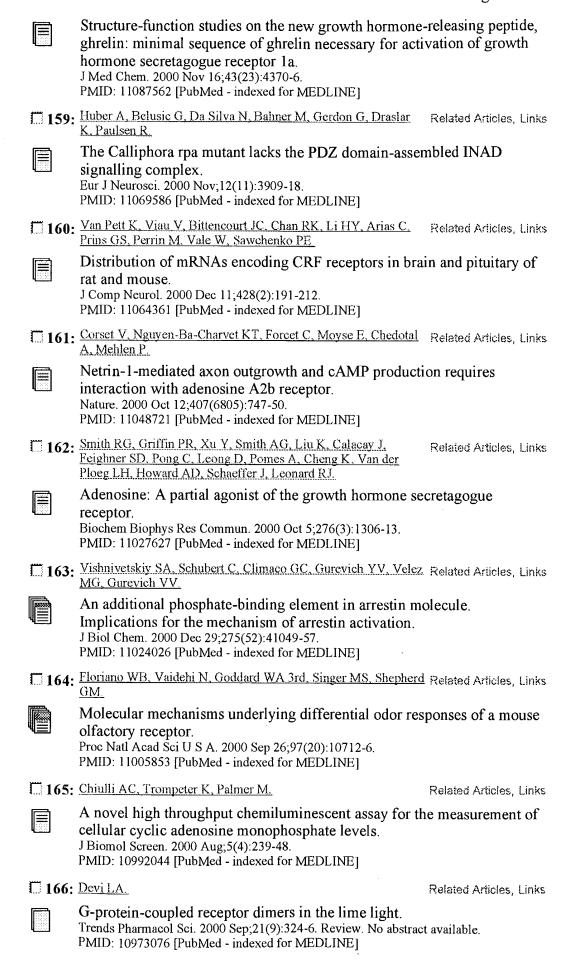


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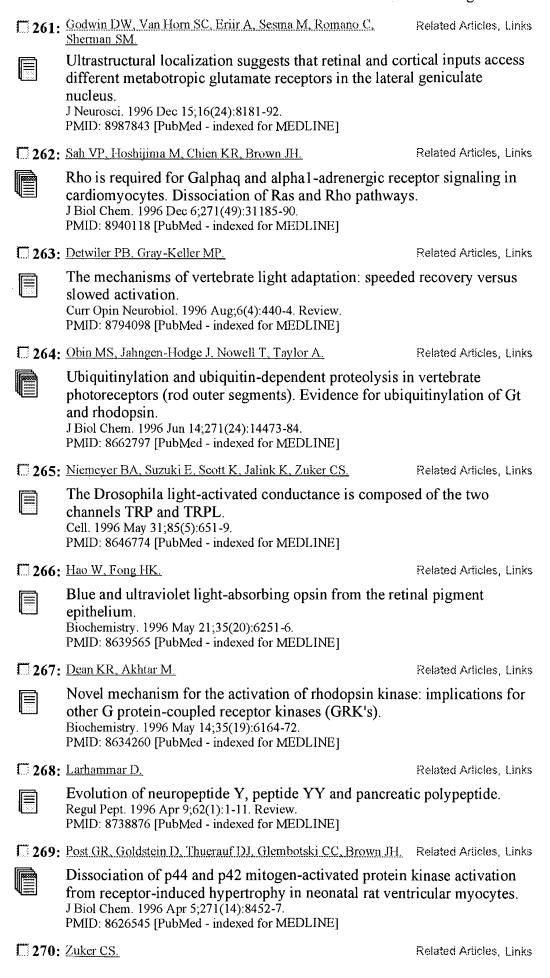
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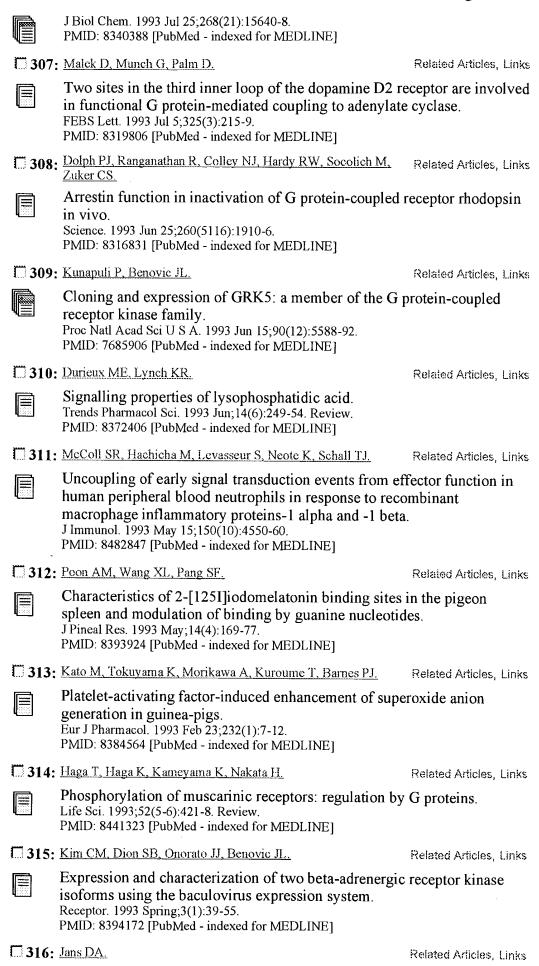
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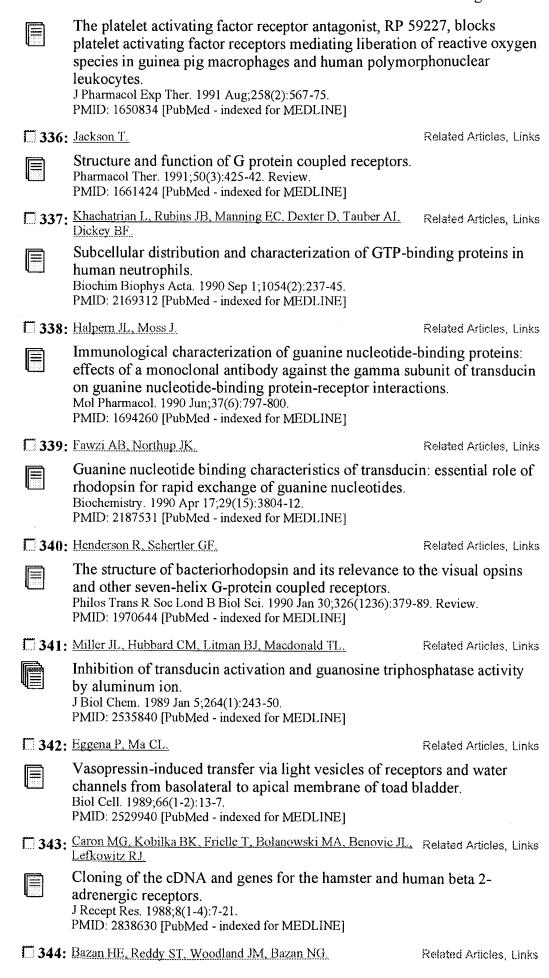
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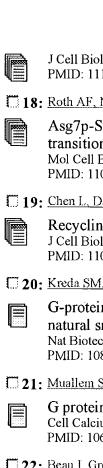
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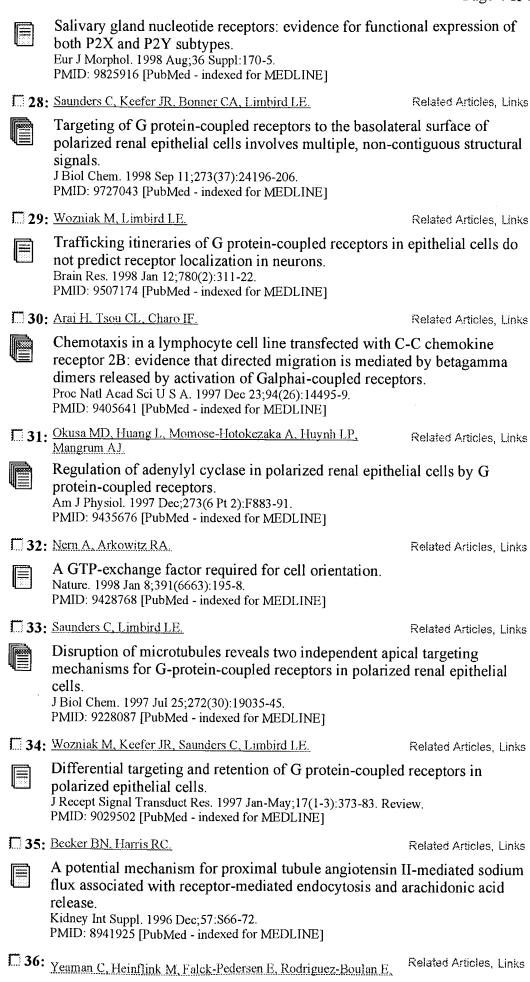


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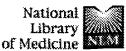
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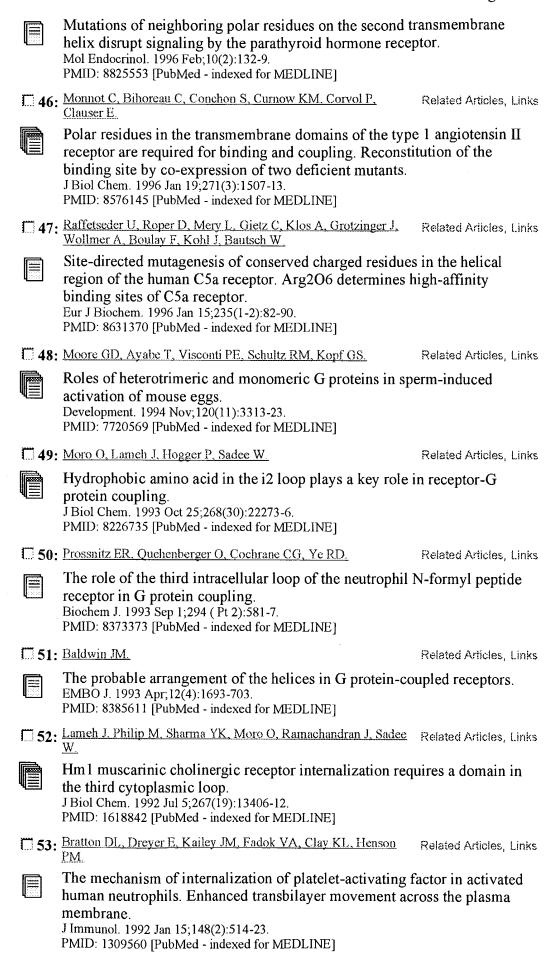
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  - 46 FILES SEARCHED...
  - 60 FILES SEARCHED... 151781 GPCR OR G-PROTEIN COUPLED RECEPTOR
- => S cyclase OR phsophodiesterase

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43 FILES SEARCHED...
          335153 CYCLASE OR PHSOPHODIESTERASE
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   49 FILES SEARCHED...
            9823 L1 AND L2
=> S L3 AND light
  46 FILES SEARCHED...
            1777 L3 AND LIGHT
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       Molecular basis of V2 vasopressin receptor/G(s) coupling selectivity
TI
       Erlenbach I.; Wess J.
ΑU
       J. Wess, Laboratory of Bioorganic Chemistry, NIDDK, National Institutes
CS
       of Health, Bethesda, MD 20892, United States.
       E-mail: jwess@helix.nih.gov
S0
       Journal of Biological Chemistry,
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                                                                     , 273/41
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Dep. Med., Univ. Colorado Health Sci. Cent., Denver, CO, 80262, USA
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DT
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LA
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      Using the Principles of Organic Chemistry to Explore Cell Biology
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ΑU
cs
      Harvard University
      Chemical & Engineering News, ( ***26 Oct 1992*** ) Vol. 70, No. 43, pp.
SO
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PΒ
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        2004:103678 USPATFULL
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        Dunlay, R. Terry, New Kensington, PA, United States
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Gough, Albert H., Glenshaw, PA, United States
        Giuliano, Kenneth A., Pittsburgh, PA, United States
PA
        Cellomics, Inc., Pittsburgh, PA, United States (U.S. corporation)
PΙ
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٩N
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        Methods and compositions for inhibiting inflammation and angiogenesis
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       Zuker, Charles, San Diego, CA, United States
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ΕN
       Yue, Henry, Sunnyvale, CA, United States
       Guegler, Karl J., Menlo Park, CA, United States
       Corley, Neil C., Mountain View, CA, United States
       Incyte Pharmaceuticals, Inc., Palo Alto, CA, United States (U.S.
Α
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 RLI
        Division of Ser. No. US 1998-30652, filed on 25 Feb 1998, now patented,
        Pat. No. US 5888793
 DT
        Utility
 FS
        Granted
 LN.CNT 2266
 INCL
        INCLM: 435/193.000
        NCLM: 435/193.000
 NCL
 IC
        [6]
        ICM: C12N009-10
        435/193
FXF
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.
L7
      ANSWER 9 OF 58 USPATFULL on STN
        1999:163437 USPATFULL
ΑN
        Cation-based bioassay using human metabotropic glutamate receptors
 TT
        Johnson, Edwin C., San Diego, CA, United States
Hess, Stephen D., San Diego, CA, United States
 IN
        Sibia Neurosciences, Inc., La Jolla, CA, United States (U.S.
 PA
        corporation)
 PΙ
        US 6001581
                                   19991214
                                                                            <--
        wo 9429449
                     19941222
                                                                            <--
        US 1995-367264
                                   19950109 (8)
ΑI
        wo 1994-us6273
                                   19940603
                                   19950109
                                              PCT 371 date
                                   19950109
                                              PCT 102(e) date
        Continuation-in-part of Ser. No. US 1993-72574, filed on 4 Jun 1993, now
RLI
        patented, Pat. No. US 5521297
DT
        Utility
FS
        Granted
LN.CNT 4417
        INCLM: 435/007.210
INCL
        INCLS: 435/069.100; 435/325.000; 530/350.000; 536/023.500; 436/501.000
NCL
        NCLM:
               435/007.210
               435/069.100; 435/325.000; 436/501.000; 530/350.000; 536/023.500
        NCLS:
IC
        [6]
        ICM: G01N033-566
        ICS: C07K014-705; C12N015-10
        435/7.2; 435/69.1; 435/252.3; 435/325; 435/7.21; 435/254.11; 514/44; 536/23.5; 530/350; 436/501
EXF
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
L7
      ANSWER 10 OF 58 USPATFULL on STN
AN
        1999:163409 USPATFULL
TI
        Functional expression of mammalian adenylyl
                                                          ***cyclase***
                                                                             in yeast
        Broach, James R., Princeton, NJ, United States
Manfredi, John P., Ossining, NY, United States
Trueheart, Joshua, Nyack, NY, United States
ΙN
PA
        Cadus Pharmaceutical Corporation, Tarrytown, NY, United States (U.S.
        corporation)
PΙ
        US 6001553
                                   19991214
                                                                            <--
        wo 9530012 19951109
ΑI
        US 1997-732218
                                   19970114 (8)
        WO 1995-US5149
                                   19950426
                                   19970114
                                              PCT 371 date
                                   19970114 PCT 102(e) date
RLI
        Continuation-in-part of Ser. No. US 1994-233700, filed on 26 Apr 1994,
        now abandoned
DT
        Utility
FS
        Granted
LN.CNT 4954
INCL
        INCLM: 435/004.000
        INCLS: 435/252.200; 435/254.210; 435/232.000
NCL
        NCLM:
               435/004.000
        NCLS:
               435/232.000; 435/252.200; 435/254.210
IC
        [6]
        ICM: C12Q001-00
        ICS: C12N001-14; C12N009-88
        435/4; 435/252.2; 435/254.21; 435/232
EXF
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
L7
     ANSWER 11 OF 58 USPATFULL on STN
       1999:159780 USPATFULL
ΑN
        Polynucleotides encoding human
                                            ***G**** -
TI
                                                         ***protein***
          ***coupled***
                              ***receptor***
                                                 GPRZ
```

```
Li, Yi, Gaithersburg, MD, United States
        Cao, Liang, Monmouth Terrace, Hong Kong
        Ni, Jian, Gaithersburg, MD, United States
        Gentz, Reiner, Silver Spring, MD, United States
        Bult, Carol J., Laurel, MD, United States
        Sutton, III, Granger G., Columbia, MD, United States
        Rosen, Craig A., Laytonsville, MD, United States
 PA
        Human Genome Sciences, Inc., Rockville, MD, United States (U.S.
        corporation)
 PΙ
        US 5998164
                                    19991207
 ΑI
        US 1995-467948
                                    19950606 (8)
        Continuation-in-part of Ser. No. WO 1995-US4079, filed on 30 Mar 1995
 RLI
 DT
 FS
        Granted
 LN.CNT 2702
 INCL
        INCLM: 435/069.100
        INCLS: 435/069.700; 435/252.300; 435/320.100; 536/023.400; 536/023.500
NCL
                435/069.100
        NCLM:
                435/069.700; 435/252.300; 435/320.100; 536/023.400; 536/023.500
        NCLS:
 IC
        [6]
        ICM: C12N015-12
        ICS: C12N015-62
        435/69.1; 435/69.7; 435/252.1; 435/320.1; 536/23.5; 536/23.4
 EXF
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
L7
      ANSWER 12 OF 58 USPATFULL ON STN
ΑN
        1999:141602 USPATFULL
        Chimeric receptors and methods for identifying compounds active at
TI
        metabotropic glutamate receptors
        Fuller, Forrest H., La Jolla, CA, United States
Krapcho, Karen J., Salt Lake City, UT, United States
Hammerland, Lance G., Bountiful, UT, United States
NPS Pharmaceuticals, Inc., Salt Lake City, UT, United States (U.S.
IN
PA
        corporation)
        us 5981195
PΙ
                                   19991109
                                                                              <--
AΤ
        US 1996-687289
                                   19960725 (8)
        US 1995-1526P
                               19950726 (60)
PRAI
DT
        Utility
FS
        Granted
LN.CNT 4472
INCL
        INCLM: 435/007.100
        INCLS: 435/007.200; 435/069.700; 435/252.300; 435/320.100; 530/350.000;
                536/023.400
NCL
        NCLM:
                435/007.100
        NCLS:
                435/007.200; 435/069.700; 435/252.300; 435/320.100; 530/350.000;
                536/023.400
IC
        [6]
        ICM: C07K019-00
        ICS: C12N015-62
        435/69.7; 435/6; 435/7.1; 435/7.2; 435/252.3; 435/32.7; 530/350;
EXF
        536/23.4
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
L7
      ANSWER 13 OF 58 USPATFULL ON STN
AN
        1999:132773 USPATFULL
TI
        Methods of treating nueropeptide Y-associated conditions
IN
        Bue-Valleskey, Juliana Maude, Indianapolis, IN, United States
        Heiman, Mark Louis, Indianapolis, IN, United States
        Stephens, Thomas Wesley, Indianapolis, IN, United States
        Tinsley, Frank C., Indianapolis, IN, United States
Eli Lilly and Company, Indianapolis, IN, United States (U.S.
PA
        corporation)
PΙ
        US 5972888
                                   19991026
ΑI
        US 1997-959112
                                   19971023 (8)
        Continuation of Ser. No. US 1996-672897, filed on 28 Jun 1996, now
RI T
        abandoned
       US 1995-737P
US 1995-861P
PRAI
                              19950630 (60)
                              19950630 (60)
DT
        Utility
FS
        Granted
LN.CNT 3222
INCL
        INCLM: 514/012.000
        INCLS: 530/324.000; 546/202.000
NCL
               514/012.000
        NCLS:
                530/324.000; 546/202.000
IC
        [6]
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ICM: A61K038-00
        ICS: C07K014-00
        514/12; 514/324; 514/909; 546/202; 530/324; 530/350
EXF
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
L7
      ANSWER 14 OF 58 USPATFULL ON STN
ΑN
        1999:128433 USPATFULL
TI
        DNA encoding serotonin receptors
        Sutcliffe, J. Gregor, Cardiff, CA, United States Erlander, Mark G., Encinitas, CA, United States
ΙN
        Lovenberg, Timothy W., San Diego, CA, United States
        The Scripps Research Institute, La Jolla, CA, United States (U.S.
PΙ
        US 5968817
                                   19991019
                                                                              <--
        US 1993-31538
AΤ
                                    19930315 (8)
DT
        Utility
FS
        Granted
LN.CNT 4709
        INCLM: 435/325.000
INCL
        INCLS: 536/023.500; 435/069.100; 435/320.100
NCL
               435/325.000
                435/069.100; 435/320.100; 536/023.500
        NCLS:
IC
        [6]
        ICM: C12N015-12
FXF
        536/23.5; 435/240.2; 435/320.1; 435/252.3; 435/69.1; 435/325
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
L7
      ANSWER 15 OF 58 USPATFULL on STN
        1999:121216 USPATFULL
ΑN
TI
        Calcium receptor-active molecules
ΙN
        Brown, Edward M., Milton, MA, United States
        Hebert, Steven C., Wellesley, MA, United States
        Garrett, Jr., James E., Salt Lake City, UT, United States
        NPS Pharmaceuticals, Inc., Salt Lake City, UT, United States (U.S.
PA
        corporation)
        Brigham and Women's Hospital, Boston, MA, United States (U.S.
        corporation)
        us 5962314
                                   19991005
        US 1997-943986
ΑI
                                   19971003 (8)
        Continuation of Ser. No. US 1995-484565, filed on 7 Jun 1995, now
RLI
        patented, Pat. No. US 5763569 which is a continuation-in-part of Ser.
        No. US 1994-353784, filed on 8 Dec 1994 which is a continuation-in-part of Ser. No. WO 1994-US12117, filed on 21 Oct 1994 Ser. No. Ser. No. US
        1994-292827, filed on 19 Aug 1994, now abandoned Ser. No. Ser. No. US
        1993-141248, filed on 22 Oct 1993, now abandoned And Ser. No. US
        1993-9389, filed on 23 Feb 1993, now abandoned
DT
        Utility
FS
        Granted
       7882
LN.CNT
INCL
        INCLM: 435/320.100
        INCLS: 435/325.000; 435/243.000; 435/252.300; 536/023.100; 536/023.400; 536/023.500; 536/024.310; 530/300.000; 530/326.000; 530/350.000
NCL
        NCLM:
                435/320.100
        NCLS:
                435/243.000; 435/252.300; 435/325.000; 530/300.000; 530/326.000;
                530/350.000; 536/023.100; 536/023.400; 536/023.500; 536/024.310
IC
        [6]
        ICM: C12N015-63
        ICS: C12N015-11; C12N015-12; C07K007-00
        435/69.1; 435/252.3; 435/320.1; 435/325; 435/243; 536/23.1; 536/23.4; 536/23.5; 536/24.31; 530/300; 530/326; 530/350
EXF
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
L7
     ANSWER 16 OF 58 USPATFULL ON STN
ΑN
        1999:117301 USPATFULL
TT
       Human G-protein receptor HCEGH45
IN
       Soppet, Daniel R., Centreville, VA, United States
       Li, Yi, Sunnyvale, CA, United States
       Rosen, Craig A., Laytonsville, MD, United States
       Ruben, Steven M., Olney, MD, United States
Human Genome Sciences, Inc., Rockville, MD, United States (U.S.
PA
       corporation)
PΙ
       us 5958729
                                   19990928
       US 1997-982412
                                   19971202 (8)
       Continuation of Ser. No. US 1995-465976, filed on 6 Jun 1995, now
RLI
       patented, Pat. No. US 5869632
PRAI
       US 1996-32186P
                              19961202 (60)
```

```
DT
       Utility
FS
        Granted
LN.CNT
       1679
        INCLM: 435/069.100
INCL
        INCLS: 435/252.300; 435/320.100; 536/023.500; 536/024.310
               435/069.100
NCL
       NCLM:
               435/252.300; 435/320.100; 536/023.500; 536/024.310
IC
        [6]
        ICM: C12N005-10
        ICS: C12N015-12
        530/350; 530/324; 435/69.1; 435/69.7; 536/23.4; 536/23.5; 536/24.31
EXF
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
     ANSWER 17 OF 58 USPATFULL on STN
L7
       1999:113591 USPATFULL
ΑN
TI
       Human chemokine receptor-like protein
ΙN
       Au-Young, Janice, Berkeley, CA, United States
       Guegler, Karl J., Menlo Park, CA, United States
       Cheng, Muzong, Oakland, CA, United States
Incyte Pharmaceuticals, Inc., Palo Alto, CA, United States (U.S.
PA
       corporation)
       US 5955303
PT
                                 19990921
                                 19970306 (8)
AΙ
       US 1997-812871
DT
       Utility
       Granted
FS
LN.CNT 1977
INCL
       INCLM: 435/069.100
       INCLS: 536/023.100; 536/024.310; 435/320.100; 435/325.000; 435/252.300;
               435/172.300
               435/069.100
NCL
       NCLM:
               435/252.300; 435/320.100; 435/325.000; 536/023.100; 536/024.310
       NCLS:
IC
        [6]
       ICM: C07M021-04
       ICS: C12N015-12; C12N015-63
       435/69.1; 435/320.1; 435/325; 435/252.3; 435/172.1; 536/24.31; 536/23.5;
EXF
       536/23.1
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
L7
     ANSWER 18 OF 58 USPATFULL on STN
       1999:106566 USPATFULL
AΝ
       Human G-protein receptor HPRAJ70
TI
ΙN
       Soppet, Daniel R., Centreville, VA, United States
       Li, Yi, Gaithersburg, MD, United States
       Rosen, Craig A., Laytonsville, MD, United States
       Ruben, Steven M., Olney, MD, United States
PΑ
       Human Genome Sciences, Inc., Rockville, MD, United States (U.S.
       corporation)
       US 5948890
US 1998-53303
PΙ
                                 19990907
ΑI
                                 19980401 (9)
       Division of Ser. No. US 1995-465980, filed on 6 Jun 1995, now patented,
RLI
       Pat. No. US 5756309
       Utility
DT
FS
       Granted
LN.CNT 1533
INCL
       INCLM: 530/350.000
       INCLS: 435/069.100; 536/023.100; 536/023.500; 530/300.000
NCL
       NCLM:
              530/350.000
              435/069.100; 530/300.000; 536/023.100; 536/023.500
       NCLS:
IC
       [6]
       ICM: C07K014-705
       530/350; 530/300; 435/69.1; 536/23.5; 536/23.1
EXF
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
L7
     ANSWER 19 OF 58 USPATFULL ON STN
       1999:102696 USPATFULL
ΑN
TI
                                                       ***G*** - ***protein***
       Isolated nucleic acid molecules encoding a
         ***coupled***
                             ***receptor***
                                               showing homology to the 5HT family of
       Glucksmann, M. Alexandra, Lexington, MA, United States
ΙN
       Robison, Kéith, Wilmington, MA, United States
Millennium Pharmaceuticals, Inc., Cambridge, MA, United States (U.S.
PΑ
       corporation)
       us 5945307
                                 19990831
ΑI
       US 1998-13634
                                 19980126 (9)
       Utility
DT
FS
       Granted
```

```
LN.CNT 2826
INCL
       INCLM: 435/069.100
       INCLS: 536/023.500; 435/252.300; 435/254.110; 435/320.100; 435/325.000
NCL
              435/069.100
       NCLM:
       NCLS:
             435/252.300; 435/254.110; 435/320.100; 435/325.000; 536/023.500
IC
       [6]
       ICM: C12N015-12
       ICS: C07K014-705
       536/23.5; 435/69.1; 435/320.1; 435/325; 435/352.3; 435/254.11
EXF
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
L7
    ANSWER 20 OF 58 USPATFULL on STN
ΑN
       1999:99562
                  USPATFULL
                                         ***G*** - ***protein***
ΤI
       Polynucleotides encoding human
         ***coupled***
                           ***receptor***
                                            HIBEF51
ΙN
       Li, Yi, Gaithersburg, MD, United States
       Adams, Mark D., North Potomac, MD, United States
PΑ
       Human Genome Sciences, Inc., Rockville, MD, United States (U.S.
       corporation)
ΡI
       us 5942414
                               19990824
      US 1995-465971
ΑI
                               19950606 (8)
DT
       Utility
FS
       Granted
LN.CNT
      1665
       INCLM: 435/069.100
INCL
       INCLS: 435/252.300; 435/254.110; 435/320.100; 435/325.000; 536/023.500
NCL
       NCLM:
             435/069.100
       NCLS:
             435/252.300; 435/254.110; 435/320.100; 435/325.000; 536/023.500
IC
       [6]
       ICM: C12N015-12
       ICS: C07K014-705
       535/23.5; 535/24.31; 435/69.1; 435/325; 435/252.3; 435/254.11; 435/320.1
EXF
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
L7
    ANSWER 21 OF 58 USPATFULL on STN
ΑN
       1999:92641
                  USPATFULL
TI
      Methods of treating migraine and compounds useful for such methods
ΙN
      Weinshank, Richard L., New York, NY, United States
       Branchek, Theresa, Teaneck, NJ, United States
      Hartig, Paul R., Mahwah, NJ, United States
PA
       Synaptic Pharmaceutical Corporation, Paramus, NJ, United States (U.S.
       corporation)
PΙ
      us 5935925
                               19990810
ΑI
      US 1995-461812
                               19950605 (8)
      Continuation of Ser. No. US 1993-946364, filed on 8 Jan 1993, now
RLI
      abandoned which is a continuation-in-part of Ser. No. WO 1991-US3200
      filed on 8 May 1991 which is a continuation of Ser. No. US 1990-520716.
      filed on 8 May 1990, now patented, Pat. No. US 5155218
TC
      Utility
FS
      Granted
LN.CNT 1992
INCL
      INCLM: 514/002.000
      INCLS: 514/001.000; 514/044.000
             514/002.000
NCL
      NCLM:
      NCLS:
             514/001.000; 514/044.000
IC
       [6]
      ICM: A01N037-18
EXF
      435/69.1; 514/1; 514/2; 514/44
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
_7
    ANSWER 22 OF 58 USPATFULL on STN
٩N
      1999:89022 USPATFULL
ΓI
      Signal peptide-containing proteins
ΙN
      Lal, Preeti, Santa Clara, CA, United States
      Au-Young, Janice, Berkeley, CA, United States
      Reddy, Roopa, Sunnyvale, CA, United States
      Murry, Lynn E., Portola Valley, CA, United States
      Mathur, Preete, Fremont, CA, United States
ΡΑ
      Incyte Pharmaceuticals, Inc., Palo Alto, CA, United States (U.S.
      corporation)
PΙ
      us 5932445
                               19990803
                                                                      <--
      US 1997-966316
lβ
                               19971107 (8)
TC
      Utility
ŦS.
      Granted
N.CNT 2972
      INCLM: 435/069.100
[NCL
```

```
INCLS: 435/069.800; 435/320.100; 435/252.300; 435/325.000; 536/023.500
NCL
               435/069.100
        NCLS:
               435/069.800; 435/252.300; 435/320.100; 435/325.000; 536/023.500
IC
        [6]
        ICM: C07H021-00
        ICS: C12N001-13; C12N005-10; C12N015-63
        435/69.1; 435/69.8; 435/471; 435/476; 435/325; 435/252.3; 536/23.1;
EXF
        536/23.5
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
L7
     ANSWER 23 OF 58 USPATFULL ON STN
        1999:67354 USPATFULL
ΑN
          **** -
TI
                      ***protein***
                                         ***coupled***
                                                             ***receptor***
        HUVCT36
ΙN
        Bergsma, Derk J., Berwyn, PA, United States
        Ellis, Catherine E., Glassboro, NJ, United States
PA
        SmithKline Beecham Corporation, Philadelphia, PA, United States (U.S.
        corporation)
PΙ
        US 5912335
                                 19990615
        US 1996-724974
ΑI
                                 19961003 (8)
DT
        Utility
FS
        Granted
LN.CNT 2399
        INCLM: 536/023.500
INCL
        INCLS: 435/069.100; 435/252.300; 435/320.100; 530/350.000
NCL
        NCLM:
               536/023.500
        NCLS:
               435/069.100; 435/252.300; 435/320.100; 530/350.000
IC
        [6]
        ICM: C12N015-12
        ICS: C07K014-705
        435/69.1; 435/253.2; 435/325; 435/320.1; 536/23.5
EXF
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
L7
     ANSWER 24 OF 58 USPATFULL ON STN
        1999:67141 USPATFULL
AN
        Nucleic acids encoding and method for detecting nucleic acid encoding
TI
        human metabotropic glutamate receptor subtype mGluR6
       Daggett, Lorrie P., San Diego, CA, United States
Lu, Chin-Chun, San Diego, CA, United States
ΙN
PA
       Sibia Neurosciences, Inc., La Jolla, CA, United States (U.S.
        corporation)
PΙ
       US 5912122
                                 19990615
ΑI
        US 1995-407875
                                 19950320 (8)
        Continuation-in-part of Ser. No. US 1993-72574, filed on 4 Jun 1993, now
RLI
       patented, Pat. No. US 5521297
DT
       Utility
        Granted
FS
LN.CNT 2248
        INCLM: 435/006.000
INCL
       INCLS: 536/023.500; 536/024.310; 435/325.000
NCL
       NCLM:
              435/006.000
       NCLS:
               435/325.000; 536/023.500; 536/024.310
IC
        [6]
       ICM: C12N015-85
       ICS: C07H021-04
FXF
       536/23.5; 536/24.31; 435/320.1; 435/240.2; 435/6; 435/325
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
L7
     ANSWER 25 OF 58 USPATFULL ON STN
AN
       1999:43468 USPATFULL
       Isolated DNA encoding a novel human ***coupled*** ***receptor***
ΤI
                                               ***G*** - ***protein***
ΙN
       Moore, Karen, Maynard, MA, United States
       Nagle, Deborah Lynn, Watertown, MA, United States
       Woolf, Elizabeth A., Georgetown, MA, United States
PA
       Millennium Pharmaceuticals, Inc., Cambridge, MA, United States (U.S.
       corporation)
PΙ
       US 5891720
                                 19990406
                                                                        <--
       US 1997-833226
AΤ
                                 19970417 (8)
DT
       Utility
FS
       Granted
LN.CNT 2836
INCL
       INCLM: 435/325.000
       INCLS: 435/006.000; 435/320.100; 435/366.000; 536/023.100; 536/023.500
NCL
       NCLM: 435/325.000
       NCLS: 435/006.000; 435/320.100; 435/366.000; 536/023.100; 536/023.500
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IC
        [6]
        ICM: C12N015-85
        ICS: C12N015-63; C07H021-04; C12Q001-68
EXF
        435/6; 435/320.1; 435/325; 435/366; 536/23.1; 536/23.5
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
L7
      ANSWER 26 OF 58 USPATFULL on STN
        1999:40213 USPATFULL
ΑN
TI
        Human lysophosphatidic acid acyltransferase
IN
        Hillman, Jennifer L., Mountain View, CA, United States
        Yue, Henry, Sunnyvale, CA, United States
        Guegler, Karl J., Menlo Park, CA, United States
        Corley, Neil C., Mountain View, CA, United States
PA
        Incyte Pharmaceuticals, Inc., Palo Alto, CA, United States (U.S.
        corporation)
        US 5888793
US 1998-30652
PΙ
                                  19990330
ΑI
                                  19980225
DT
        Utility
FS
        Granted
LN.CNT 2199
INCL
        INCLM: 435/193.000
        INCLS: 435/252.300; 435/252.330; 435/254.110; 435/254.300; 435/325.000;
               435/419.000; 435/320.100; 536/023.200
NCL
               435/193.000
        NCLM:
        NCLS:
               435/006.000; 435/252.300; 435/252.330; 435/254.110; 435/254.300;
               435/320.100; 435/325.000; 435/419.000; 536/023.200
IC
        [6]
        ICM: C12N015-54
        ICS: C12N009-10; C12N015-09
435/193; 435/252.3; 435/252.33; 435/254.11; 435/254.3; 435/325; 435/419;
EXF
        435/320.1; 435/6; 536/23.2
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
L7
      ANSWER 27 OF 58 USPATFULL ON STN
        1999:33801 USPATFULL
ΑN
        Nucleic acids encoding muscarinic receptors and uses therefor
ΤI
ΙN
        Goodearl, Andrew D.J., Natick, MA, United States
        Millennium Pharmaceuticals, Inc., Cambridge, MA, United States (U.S.
PA
        corporation)
PΙ
        US 5882893
                                 19990316
                                                                          <--
        US 1997-985090
ΑI
                                 19971204 (8)
DT
        Utility
FS
        Granted
LN.CNT 4039
        INCLM: 435/069.100
TNCL
        INCLS: 435/252.300; 435/254.110; 435/320.100; 435/325.000; 536/024.310;
               536/023.500
NCL
        NCLM:
               435/069.100
        NCLS:
               435/252.300; 435/254.110; 435/320.100; 435/325.000; 536/023.500;
               536/024.310
IC
        [6]
        ICM: C12N015-12
        435/69.1; 435/325; 435/252.3; 435/254.11; 435/320.1; 536/23.5; 536/24.31
EXF
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
     ANSWER 28 OF 58 USPATFULL ON STN
L7
ΑN
       1999:24494 USPATFULL
TI
       G-beta-gamma regulated phosphatidylinositol-3' kinase
IN
       Stephens, Len, Sawston, England
       Hawkins, Philip Thomas, Sawston, England
PA
       Onyx Pharmaceuticals, Richmond, CA, United States (U.S. corporation)
                                 19990223
РΤ
       US 5874273
ΑI
       US 1996-672211
                                 19960627 (8)
DT
       Utility
FS
       Granted
LN.CNT 4148
INCL
       INCLM: 435/194.000
       INCLS: 435/252.300; 435/320.100; 435/325.000; 435/358.000; 435/365.000; 435/366.000; 530/350.000; 530/829.000; 536/023.200; 536/023.400;
               536/023.500
NCL
       NCLM:
               435/194.000
               435/252.300; 435/320.100; 435/325.000; 435/358.000; 435/365.000;
       NCLS:
               435/366.000; 530/350.000; 530/829.000; 536/023.200; 536/023.400;
               536/023.500
IC
       [6]
       ICM: C12N009-12
```

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ICS: C12N001-20; C12N005-00; C07H021-04
EXF
        435/240.2; 435/320.1; 435/194; 435/325; 435/358; 435/366; 435/365
        435/252.3; 536/23.1; 536/23.2; 536/23.4; 536/23.5; 530/350; 530/829
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
L7
      ANSWER 29 OF 58 USPATFULL on STN
ΑN
        1999:22129
                    USPATFULL
TI
        Compositions useful as a cannabinoid receptor probe
IN
        Makriyannis, Alexandros, Ashford, CT, United States
        Guo, Yan, Clinton, NJ, United States
        Abadji, Vasiliki, Boston, MA, United States
PA
        University of Connecticut, Storrs, CT, United States (U.S. corporation)
PΙ
        US 5872148
                                 19990216
ΑI
        US 1995-512864
                                 19950808 (8)
        Division of Ser. No. US 1993-103883, filed on 6 Aug 1993, now patented,
RLI
        Pat. No. US 5440052
DT
        Utility
FS
        Granted
LN.CNT 550
INCL
        INCLM: 514/454.000
        INCLS: 549/390.000
NCL
        NCLM:
               514/454.000
        NCLS:
               549/390.000
IC
        [6]
        ICM: A61K031-35
        ICS: C07D311-80
        549/390; 514/454
EXF
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
L7
      ANSWER 30 OF 58 USPATFULL on STN
ΑN
        1999:19293 USPATFULL
TI
       Human G-protein receptor HCEGH45
TN
       Soppet, Daniel R., Centreville, VA, United States
        Li, Yi, Gaithersburg, MD, United States
        Rosen, Craig A., Laytonsville, MD, United States
        Ruben, Steven M., Olney, MD, United States
PA
       Human Genome Sciences, Inc., Rockville, MD, United States (U.S.
        corporation)
PΤ
       US 5869632
                                 19990209
                                                                         <--
       US 1995-465976
ΑI
                                 19950606 (8)
DT
        Utility
FS
        Granted
LN.CNT 1597
INCL
        INCLM: 536/023.100
       INCLS: 536/024.300; 435/006.000
NCL
       NCLM:
               536/023.100
               435/006.000; 536/024.300
       NCLS:
TC
        [6]
       ICM: C07H021-02
       ICS: C07H021-04; C12Q001-68
EXF
       435/6; 536/24.3; 536/23.1
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
L7
     ANSWER 31 OF 58 USPATFULL ON STN
ΑN
       1999:18940 USPATFULL
TI
       G-beta-gamma regulated phosphatidylinositol-3' kinase
IN
       Stephens, Len, Sawston, England
Hawkins, Phillip Thomas, Sawston, England
PA
       Onyx Pharmaceuticals, Richmond, CA, United States (U.S. corporation)
       US 5869271
PΙ
                                 19990209
ΑI
       US 1997-972630
                                 19971118 (8)
       Division of Ser. No. US 1996-672211, filed on 27 Jun 1996
RLI
DT
       Utility
FS
       Granted
LN.CNT 3979
INCL
       INCLM: 435/015.000
       INCLS: 435/193.000; 435/194.000; 530/350.000; 530/829.000; 536/023.200;
               536/023.500
NCL
       NCLM:
              435/015.000
       NCLS:
              435/193.000; 435/194.000; 530/350.000; 530/829.000; 536/023.200;
               536/023.500
IC
       [6]
       ICM: C12Q001-58
       ICS: C12N009-12; C07K001-00; C07H021-04
435/15; 435/193; 435/194; 536/23.2; 536/23.5; 530/350; 530/829
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
```

```
ANSWER 32 OF 58 USPATFULL ON STN
L7
AN
         1999:4855 USPATFULL
         G-beta-gamma regulated phosphatidylinositol-3' kinase
TI
         Stephens, Len, Sawston, England
Hawkins, Phillip Thomas, Sawston, England
Onyx Pharmaceuticals, Richmond, CA, United States (U.S. corporation)
IN
PA
         us 5859201
ΡI
                                       19990112
         US 1997-972629
ΑI
                                       19971118 (8)
         Division of Ser. No. US 1996-672211, filed on 27 Jun 1996
RLI
DT
         Utility
FS
         Granted
LN.CNT 4012
INCL
         INCLM: 530/350.000
         INCLS: 530/829.000; 435/069.700
                  530/350.000
NCL
         NCLM:
         NCLS:
                 435/069.700; 530/829.000
IC
         [6]
         ICM: C12P021-04
         ICS: C07K001-00
EXF
         435/69.7; 530/350; 530/829
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
      ANSWER 33 OF 58 USPATFULL on STN
L7
ΑN
         1999:4350 USPATFULL
         Method of screening calcium receptor-active molecules
TI
TN
         Nemeth, Edward F., Salt Lake City, UT, United States
        Brown, Edward M., Milton, MA, United States
Hebert, Steven C., Wellesley, MA, United States
Garrett, Jr., James E., Salt Lake City, UT, United States
Van Wagenen, Bradford C., Salt Lake City, UT, United States
         Balandrin, Manuel F., Sandy, UT, United States
         Del Mar, Eric G., Salt Lake City, UT, United States
         The Brigham and Women's Hospital, Inc., Boston, MA, United States (U.S.
PA
         corporation)
         NPS Pharmaceuticals, Inc., Salt Lake City, UT, United States (U.S.
         corporation)
PΤ
         US 5858684
                                       19990112
        US 1995-480751 19950607 (8)
Continuation-in-part of Ser. No. US 1994-353784, filed on 8 Dec 1994
AΤ
RLI
        which is a continuation-in-part of Ser. No. US 1994-292827, filed on 19
         Aug 1994, now abandoned And a continuation-in-part of Ser. No. US
         1993-141248, filed on 22 Oct 1993, now abandoned And a
         continuation-in-part of Ser. No. US 1993-9389, filed on 23 Feb 1993, now
         abandoned which is a continuation-in-part of Ser. No. US 1993-17127,
         filed on 12 Feb 1993, now abandoned which is a continuation-in-part of
        Ser. No. US 1992-934161, filed on 21 Aug 1992, now abandoned which is a continuation-in-part of Ser. No. US 1992-834044, filed on 11 Feb 1992, now abandoned which is a continuation-in-part of Ser. No. US
        1991-749451, filed on 23 Aug 1991, now abandoned
DT
        Utility
FS
        Granted
LN.CNT 7588
INCL
        INCLM: 435/007.200
        INCLS: 435/065.100; 435/325.000; 435/252.300; 435/320.100; 435/007.100;
                 530/300.000; 530/324.000; 530/350.000; 536/023.100; 536/023.500
NCL
        NCLM:
                 435/007.200
                 435/007.100; 435/069.100; 435/252.300; 435/320.100; 435/325.000; 530/300.000; 530/324.000; 530/350.000; 536/023.100; 536/023.500
        NCLS:
IC
        [6]
        ICM: C12Q001-68
EXF
        435/7.2; 435/65.1; 435/325; 435/252.3; 435/320.1; 530/300; 530/350;
        530/324; 536/23.1; 536/23.5
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
L7
     ANSWER 34 OF 58 USPATFULL ON STN
ΑN
        1999:1472 USPATFULL
TI
        G-beta-gamma regulated phosphatidylinositol-3'kinase
        Stephens, Len, Cambridge, England
Hawkins, Phillip Thomas, Cambridge, England
Onyx Pharmaceuticals, Richmond, CA, United States (U.S. corporation)
ΙN
PΑ
PΙ
        us 5856133
                                      19990105
ΑI
        US 1997-972631
                                      19971118 (8)
RLI
        Division of Ser. No. US 1996-672211, filed on 27 Jun 1996
DT
        Utility
FS
        Granted
```

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LN.CNT 3974
        INCLM: 435/069.200
INCL
        INCLS: 435/194.000; 435/252.300; 435/069.100; 530/350.000; 530/859.000;
                 536/023.500
                435/069.200
NCL
        NCLM:
                435/069.100; 435/194.000; 435/252.300; 530/350.000; 530/829.000;
        NCLS:
                536/023.500
IC
        [6]
        ICM: C12P021-06
        ICS: C12N009-12; C12N001-20; C07H021-04
        435/69.1; 435/69.2; 435/252.3; 530/350; 530/829; 536/23.5
EXF
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
L7
      ANSWER 35 OF 58 USPATFULL ON STN
        1999:1471 USPATFULL
ΑN
        G-beta-gamma regulated phosphatidylinositol-3' kinase
ΤI
IN
        Stephens, Len, Sawston, England
        Hawkins, Phillip Thomas, Sawston, England
        Braselmann, Sylvia, San Francisco, CA, United States
        Onyx Pharmaceuticals, Richmond, CA, United States (U.S. corporation)
PA
        us 5856132
PΙ
                                     19990105
        us 1997-916917
                                     19970815 (8)
ΑI
        Continuation-in-part of Ser. No. US 1996-672211, filed on 27 Jun 1996
RLI
DT
        Utility
        Granted
FS
LN.CNT 4569
        INCLM: 435/069.200
INCL
        INCLS: 435/069.700; 435/194.000; 435/252.300; 435/320.100; 435/325.000; 435/358.000; 435/365.000; 435/366.000; 435/069.100; 530/350.000; 530/829.000; 536/023.200; 536/023.400; 536/023.500
                435/069.200
NCL
        NCLM:
                435/069.100; 435/069.700; 435/194.000; 435/252.300; 435/320.100; 435/325.000; 435/358.000; 435/365.000; 435/366.000; 530/350.000; 530/829.000; 536/023.200; 536/023.400; 536/023.500
        NCLS:
IC
        [6]
        ICM: C12P021-06
        ICS: C12N009-12; C07K001-00; C07H021-04 435/69.2; 435/69.7; 435/194; 435/252.3; 435/320.1; 435/325; 435/358;
EXF
        435/365; 435/366; 435/69.1; 530/350; 530/829; 536/23.2; 536/23.4;
        536/23.5
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
L7
      ANSWER 36 OF 58 USPATFULL on STN
        1998:139018 USPATFULL
ΑN
           ***G***
                     - ***protein***
                                              ***coupled***
                                                                    ***receptor***
ΤI
        HLTEX 11
        Chan, Winnie, West Chester, PA, United States
IN
        Bergsma, Derk J., Berwyn, PA, United States
        Ellis, Catherine E., Glassboro, NJ, United States
SmithKline Beecham Corporation, Philadelphia, PA, United States (U.S.
PΑ
        corporation)
        us 5834587
PΙ
                                     19981110
                                                                                 <--
        us 1996-726575
                                     19961008 (8)
ΑI
DT
        Utility
FS
        Granted
LN.CNT 2406
INCL
        INCLM: 530/324.000
        INCLS: 530/325.000; 530/326.000; 530/350.000; 514/002.000
NCL
                 530/324.000
        NCLM:
                530/325.000; 530/326.000; 530/350.000
        NCLS:
        [6]
IC
        ICM: C07K014-705
EXF
        530/350; 530/300; 530/324-326; 514/2
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
L7
      ANSWER 37 OF 58 USPATFULL on STN
ΑN
        1998:128096 USPATFULL
TI
        Human 7-transmembrane receptor and DNA
        Elshourbagy, Nabil A., SmithKline Beecham Corporation, Corporate Intellectual Property - UW2220, P.O. Box 1539, King of Prussia, PA,
IN
        United States 19406-0939
        Bergsma, Derk J., SmithKline Beecham Corporation, Corporate Intellectual
        Property - UW2220, P.O. Box 1539, King of Prussia, PA, United States
        19406-0939
        Ellis, Catherine E., SmithKline Beecham Corporation, Corporate
        Intellectual Property - UW2220, P.O. Box 1539, King of Prussia, PA,
```

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us 5824504
Ι
                                  19981020
      US 1996-742011
                                  19961031 (8)
Ι
                             19960925 (60)
      US 1996-26669P
RAI
      Utility
Т
      Granted
N.CNT 2491
      INCLM: 435/069.100
NCL
      INCLS: 435/325.000; 435/320.100; 536/023.500; 530/350.000
\mathsf{CL}
      NCLM:
              435/069.100
             435/320.100; 435/325.000; 530/350.000; 536/023.500
      NCLS:
C
       [6]
      ICM: C12N015-12
      ICS: C12N015-85; C12N015-63; C07K014-705
      530/350; 435/69.1; 435/69.3; 435/240.2; 435/272; 435/325; 435/320.1;
XF
       536/23.5; 935/3; 935/11
AS INDEXING IS AVAILABLE FOR THIS PATENT.
    ANSWER 38 OF 58 USPATFULL on STN
      1998:111777 USPATFULL
N
      Methods for identifying compounds that modulate metabotropic glutamate
Ι
      receptor activity
      Daggett, Lorrie, San Diego, CA, United States
Ellis, Steven B., San Diego, CA, United States
Ν
      Liaw, Chen, San Diego, CA, United States
      Pontsler, Aaron, West Jordan, UT, United States
       Johnson, Edwin C., San Diego, CA, United States
      Hess, Stephen D., San Diego, CA, United States
      Sibia Neurosciences, Inc., La Jolla, CA, United States (U.S.
Α
      corporation)
      us 5807689
                                  19980915
      us 1995-486270
                                  19950606 (8)
ıΙ
      Division of Ser. No. US 1995-367264, filed on 9 Jan 1995 which is a continuation-in-part of Ser. No. US 1993-72574, filed on 4 Jun 1993, now
LI
       patented, Pat. No. US 5521297
Т
      Utility
      Granted
N.CNT 3326
       INCLM: 435/078.000
NCL
       INCLS: 435/007.100; 435/007.200; 435/007.210; 435/069.100; 435/172.300;
              435/325.000
CL
      NCLM:
              435/007.800
              435/007.100; 435/007.200; 435/007.210; 435/069.100; 435/325.000
       NCLS:
C
       ICM: G01N033-53
       ICS: C12P021-02; C12N015-63; C12N015-09
       435/7.1; 435/7.2; 435/7.21; 435/6; 435/7.8; 435/69.1; 435/172.3;
XF
       435/325; 435/7.93; 935/77; 935/78
AS INDEXING IS AVAILABLE FOR THIS PATENT.
    ANSWER 39 OF 58 USPATFULL on STN
       1998:88651 USPATFULL
N
Ί
       DNA encoding human 5-HT.sub.1D receptors and uses thereof
      Weinshank, Richard L., New York, NY, United States
Branchek, Theresa, Teaneck, NJ, United States
Ν
      Hartig, Paul R., Mahwah, NJ, United States
      Synapatic Pharmaceutical Corporation, Paramus, NJ, United States (U.S.
       corporation)
ľ
       us 5786157
                                  19980728
ľ
      US 1994-236686
                                  19940502 (8)
       Continuation of Ser. No. US 1992-945116, filed on 15 Sep 1992, now
LI
      abandoned which is a division of Ser. No. US 1990-520716, filed on 8 May 1990, now patented, Pat. No. US 5155218, issued on 13 Oct 1992
Т
       Utility
S
       Granted
N.CNT 1687
       INCLM: 435/007.210
NCL
       INCLS: 435/069.100; 435/325.000
CL
              435/007.210
       NCLS: 435/069.100; 435/325.000
C
       [6]
      ĬCM: GO1NO33-566
435/7.1; 435/7.2; 435/7.21; 435/69.1; 435/240.2; 435/320.1; 514/2;
       514/12
AS INDEXING IS AVAILABLE FOR THIS PATENT.
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United States 19406-0939

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L7
     ANSWER 40 OF 58 USPATFULL ON STN
        1998:88649
                    USPATFULL
AN
       Methods for identifying a compound that binds to a human 5-HT 1E
TI
        receptor
       Weinshank, Richard L., New York, NY, United States
        Branchek, Theresa, Teaneck, NJ, United States
       Hartig, Paul R., Mahwah, NJ, United States
        Synaptic Pharmaceutical Corporation, Paramus, NJ, United States (U.S.
PA
        corporation)
PΙ
        us 5786155
                                  19980728
                                                                          <--
       US 1995-542358
ΑI
                                  19951012 (8)
       Division of Ser. No. US 1995-370542, filed on 9 Jan 1995, now patented,
RLI
        Pat. No. US 5476782, issued on 19 Dec 1995 which is a continuation of
       Ser. No. US 1994-194113, filed on 8 Feb 1994, now abandoned which is a
        continuation of Ser. No. US 1991-803626, filed on 2 Dec 1991, now
        abandoned
       Utility
DT
        Granted
FS
LN.CNT 2166
        INCLM: 435/007.200
INCL
        INCLS: 435/007.100; 435/007.210; 436/501.000
NCLM: 435/007.200
NCL
       NCLS:
               435/007.100; 435/007.210; 436/501.000
TC
        [6]
       ICM: G01N033-53
        ICS: G01N033-567; G01N033-566
       435/69.1; 435/7.1; 435/7.2; 435/240.1; 435/240.2; 435/320.1; 435/7.21;
EXF
       435/325; 435/6; 435/172.1; 435/354; 435/363; 435/356; 536/23.5; 530/350; 514/12; 514/21; 436/501
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
L7
     ANSWER 41 OF 58 USPATFULL on STN
        1998:79171 USPATFULL
ΑN
       Naphthimidazolyl neuropeptide Y receptor antagonists
TI
       Nunes, Anne Marie, Andover, MA, United States
IN
       Zarrinmayeh, Hamideh, Carmel, IN, United States
PA
       Eli Lilly and Company, Indianapolis, IN, United States (U.S.
       corporation)
       us 5776931
us 1997-775533
PΤ
                                 19980707
                                                                          <--
ΑI
                                 19970109 (8)
       Utility
DT
FS
        Granted
LN.CNT 1892
INCL
       INCLM: 514/232.800
       INCLS: 514/322.000; 514/393.000; 514/394.000; 514/395.000; 544/139.000;
               546/199.000; 548/302.100
               514/232.800
NCL
       NCLM:
               514/322.000; 514/393.000; 514/394.000; 514/395.000; 544/139.000;
       NCLS:
               546/199.000; 548/302.100
IC
        [6]
       ICM: A61K031-535
       ICS: A61K031-445; A61K031-415; C09D413-00; C09D421-00; C09D235-02
       514/322; 514/232.8; 514/393; 514/394; 514/395; 548/302.1; 544/139;
FXF
       546/199
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
     ANSWER 42 OF 58 USPATFULL on STN
L7
ΑN
       1998:78976 USPATFULL
TT
       Human G-protein receptor HGBER32
IN
       Soppet, Daniel R., Centreville, VA, United States
       Li, Yi, Gaithersburg, MD, United States
Rosen, Craig A., Laytonsville, MD, United States
Ruben, Steven M., Olney, MD, United States
PA
       Human Genome Sciences, Inc., Rockville, MD, United States (U.S.
       corporation)
PI
       US 5776729
                                 19980707
ΑI
       US 1995-461244
                                 19950605 (8)
DT
       Utility
FS
       Granted
LN.CNT 1537
INCL
       INCLM: 435/069.100
       INCLS: 435/272.300; 435/320.100; 435/325.000; 536/023.500
               435/069.100
NCL
       NCLM:
               435/091.410; 435/320.100; 435/325.000; 536/023.500
       NCLS:
IC
       [6]
       ICM: C12N015-00
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ICS: C12N015-63; C12N015-85; C07H021-04
         536/23.5; 435/272.3; 435/320.1; 435/240.2; 435/69.1; 435/6; 435/325
 EXF
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.
 L7
       ANSWER 43 OF 58 USPATFULL ON STN
         1998:75569 USPATFULL
 AN
         A3 adenosine receptor agonists
 ΤI
         Jacobson, Kenneth A., Silver Spring, MD, United States Gallo-Rodriguez, Carola, Buenos Aires, Argentina van Galen, Philip J. M., Oss, Netherlands von Lubitz, Dag K. J. E., Alexandria, VA, United States Jeong, Heaok Kim, Rockville, MD, United States
 IN
         The United States of America as represented by the Department of Health
 PA
         and Human Services, Washington, DC, United States (U.S. government)
 PΙ
         US 5773423
                                      19980630
 ΑI
         US 1994-274628
                                      19940713 (8)
         Continuation-in-part of Ser. No. US 1993-163324, filed on 6 Dec 1993,
 RLI
         now abandoned which is a continuation-in-part of Ser. No. US 1993-91109,
         filed on 13 Jul 1993, now abandoned
DT
         Utility
         Granted
 FS
 LN.CNT 4850
 INCL
         INCLM: 514/045.000
         INCLS: 514/046.000; 536/027.220; 536/027.600; 536/027.630
NCL
                 514/045.000
         NCLS:
                514/046.000; 536/027.220; 536/027.600; 536/027.630
IC
         [6]
         ICM: A61K031-70
         536/27.22; 536/27.6; 536/27.63; 514/45; 514/46
EXF
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
L7
      ANSWER 44 OF 58 USPATFULL ON STN
ΑN
         1998:65348 USPATFULL
         Calcium receptor-active molecules
TI
         Brown, Edward M., Milton, MA, United States
IN
         Hebert, Steven C., Wellesley, MA, United States
         Garrett, Jr., James E., Salt Lake City, UT, United States
         The Brigham and Women's Hospital, Inc, Boston, MA, United States (U.S.
PΑ
         corporation)
         NPS Pharmaceuticals, Inc., Salt Lake City, UT, United States (U.S.
         corporation)
         us 5763569
ΡI
                                      19980609
                                                                                  <--
ΑI
         US 1995-484565
                                      19950607 (8)
RLI
         Continuation-in-part of Ser. No. US 1994-353784, filed on 8 Dec 1994
         which is a continuation-in-part of Ser. No. US 1994-292827, filed on 19
         Aug 1994, now abandoned Ser. No. Ser. No. US 1993-141248, filed on 22 Oct 1993, now abandoned And Ser. No. US 1993-9389, filed on 23 Feb 1993,
         now abandoned , said Ser. No. US -292827 which is a
         continuation-in-part of Ser. No. US
                                                      -141248 which is a
        continuation-in-part of Ser. No. US -9389 And a continuation-in-part of Ser. No. US 1993-17127, filed on 12 Feb 1993, now abandoned which is a continuation-in-part of Ser. No. US 1992-934161, filed on 21 Aug 1992,
        now abandoned which is a continuation-in-part of Ser. No. US
        1992-834044, filed on 11 Feb 1992, now abandoned which is a
        continuation-in-part of Ser. No. US 1991-749451, filed on 23 Aug 1991,
        now abandoned
DT
        Utility
FS
        Granted
LN.CNT 6942
INCL
        INCLM: 530/324.000
        INCLS: 530/300.000; 530/376.000; 530/327.000; 530/329.000; 530/350.000; 536/023.100; 536/023.500; 435/007.100; 435/069.100; 435/252.300;
                 435/320.100
NCL
        NCLM:
                 530/324.000
        NCLS:
                 435/007.100; 435/069.100; 435/252.300; 435/320.100; 530/300.000;
                 530/325.000; 530/326.000; 530/327.000; 530/350.000; 536/023.100;
                 536/023.500
IC
        [6]
        ICM: C07K014-705
        530/300; 530/350; 530/324; 530/326; 530/327; 530/329; 536/23.1;
EXF
        536/23.5; 435/7.1; 435/69.1; 435/252.3; 435/240.1; 435/320.1
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
     ANSWER 45 OF 58 USPATFULL ON STN
L7
ΑN
        1998:57734 USPATFULL
        Nucleic acid encoding a human G-protein receptor HPRAJ70 and method of
TI
```

```
producing the receptor
         Soppet, Daniel R., Centreville, VA, United States
 IN
         Li, Yi, Gaithersburg, MD, United States
         Rosen, Craig A., Laytonsville, MD, United States
         Ruben, Steven M., Olney, MD, United States
         Human Genome Sciences, Inc., Rockville, MD, United States (U.S.
 PA
         corporation)
         us 5756309
 PΙ
                                     19980526
         US 1995-465980
 AΙ
                                     19950606 (8)
         Utility
 DT
         Granted
 LN.CNT 1496
 INCL
         INCLM: 435/069.100
         INCLS: 536/023.500; 536/023.100; 530/350.000; 435/320.100; 435/252.300;
                 435/325.000
 NCL
         NCLM:
                 435/069.100
         NCLS:
                 435/252.300; 435/320.100; 435/325.000; 530/350.000; 536/023.100;
                 536/023.500
         [6]
 IC
         ICM: C12N015-12
         ICS: C07H021-00
         530/350; 435/320.1; 435/240.2; 435/325; 435/69.1; 435/172.1; 435/252.3;
 EXF
         536/23.1; 536/23.5
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.
 L7
      ANSWER 46 OF 58 USPATFULL ON STN
         1998:51453 USPATFULL
 ΑN
 TI
         Nucleic acid encoding human endothlein-bombesin receptor and method of
         producing the receptor
         Li, Yi, Gaithersburg, MD, United States
 IN
         Rosen, Craig A., Laytonsville, MD, United States
        Kumar, Chandrika, West Windsor, NJ, United States
Human Genome Sciences, Inc., Rockville, MD, United States (U.S.
PA
         corporation)
PI
         us 5750370
                                    19980512
         us 1995-465687
ΑI
                                    19950606 (8)
DT
         Utility
         Granted
LN.CNT
        1626
INCL
         INCLM: 435/069.100
         INCLS: 536/023.500; 536/023.100; 530/350.000; 435/069.100; 435/335.000; 435/252.300; 435/320.100; 435/006.000; 535/052.000; 436/501.000
NCL
                 435/069.100
         NCLS:
                 435/006.000; 435/252.300; 435/320.100; 435/335.000; 436/501.000;
                 530/350.000; 536/023.100; 536/023.500
IC
         [6]
        ICM: C12N015-12
         ICS: C07H021-00
        536/23.5; 536/93.1; 435/320.1; 435/335; 435/252.3; 435/69.1; 435/6; 935/52; 935/70; 935/72; 530/350; 436/501
EXF
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
L7
      ANSWER 47 OF 58 USPATFULL ON STN
ΑN
        97:118013 USPATFULL
ΤI
        Native calcitonin mimetics
IN
        McKernan, Patricia A., Woodinville, WA, United States
        Chen, Lennie, Renton, WA, United States
        Petrie, Charles, Woodinville, WA, United States
        Piggott, James, Bothell, WA, United States
        West, Robert R., Seattle, WA, United States
Gasper, Shirley, Carnation, WA, United States
        Lellis, Colin, Lansdale, PA, United States
ZymoGenetics, Inc., Seattle, WA, United States (U.S. corporation)
US 5698521 19971216
PA
PΙ
ΑI
        US 1995-416602
                                    19950404 (8)
DT
        Utility
FS
        Granted
LN.CNT 1385
        INCLM: 514/013.000
INCL
                530/307.000; 530/326.000
        INCLS:
NCL
                514/013.000
        NCLM:
                530/307.000; 530/326.000
        NCLS:
        [6]
        ICM: A61K038-00
        ICS: C07K005-00; C07K007-00
EXF
        514/13; 530/307; 530/326
```

```
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
L7
     ANSWER 48 OF 58 USPATFULL ON STN
ΑN
        97:112582 USPATFULL
        Amiloride-sensitive sodium channel and method of identifying substances
ΤI
        which stimulate or block salty taste perception
Li, Xiao-Jiang, Baltimore, MD, United States
ΙN
        Blackshaw, Seth, Baltimore, MD, United States
        Snyder, Solomon H., Baltimore, MD, United States
The Johns Hopkins University, Baltimore, MD, United States (U.S.
PA
PΙ
        US 5693756
                                     19971202
ΑI
        US 1995-376362
                                     19950123 (8)
        Continuation-in-part of Ser. No. US 1994-202654, filed on 28 Feb 1994,
RLI
        now abandoned
DT
        Utility
        Granted
FS
       1118
LN.CNT
INCL
        INCLM: 530/350.000
        INCLS: 436/501.000
NCL
                530/350.000
        NCLM:
        NCLS:
               436/501.000; 530/324.000; 530/327.000
IC
        [6]
        ICM: C07K014-47
EXF
        530/350
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
L7
     ANSWER 49 OF 58 USPATFULL on STN
٩N
        97:107219 USPATFULL
ΤI
        Calcium receptor-active molecules
       Brown, Edward M., Milton, MA, United States
ΙN
       Fuller, Forrest H., Salt Lake City, UT, United States
       Hebert, Steven C., Wellesley, MA, United States
       Garrett, Jr., James E., Salt Lake City, UT, United States
PA
       The Brigham & Women's Hospital, Inc., Boston, MA, United States (U.S.
       corporation)
       NPS Pharmaceuticals, Inc., Salt Lake City, UT, United States (U.S.
       corporation)
       us 5688938
PΙ
                                    19971118
       US 1995-485588 19950607 (8)
Continuation-in-part of Ser. No. US 1994-353784, filed on 8 Dec 1994
which is a continuation-in-part of Ser. No. US 1993-9389, filed on 23
ΙP
RLI
       Feb 1993, now abandoned Ser. No. Ser. No. US 1993-141248, filed on 22
       Oct 1993, now abandoned And Ser. No. US 1994-292827, filed on 19 Aug
       1994, now abandoned which is a continuation-in-part of Ser. No. US
       -141248 which is a continuation-in-part of Ser. No. US -9389 which is a continuation-in-part of Ser. No. US 1993-17127, filed on 12 Feb 1993,
                                                                           -9389 which is
       now abandoned which is a continuation-in-part of Ser. No. US
       1992-934161, filed on 21 Aug 1992, now abandoned which is a continuation-in-part of Ser. No. US 1992-834044, filed on 11 Feb 1992, now abandoned which is a continuation-in-part of Ser. No. US
       1991-749451, filed on 23 Aug 1991, now abandoned
T
       Utility
:5
       Granted
N.CNT 6522
NCL
       INCLM: 536/023.500
       INCLS: 435/069.100; 435/007.100; 435/290.100; 435/252.300; 435/320.100;
                530/300.000; 530/350.000; 530/324.000; 530/326.000; 536/023.100;
                536/024.310
       NCLM:
CL
               536/023.500
               435/007.100; 435/069.100; 435/252.300; 435/320.100; 530/300.000; 530/324.000; 530/326.000; 530/350.000; 536/023.100; 536/024.310
       NCLS:
C
       [6]
       ICM: C07K004-705
       ICS: C12N015-12
XF
       435/7.1; 435/69.1; 435/240.1; 435/252.3; 435/320.1; 535/23.5; 535/23.1;
       530/300; 530/350; 530/324; 530/326; 530/327; 530/329
AS INDEXING IS AVAILABLE FOR THIS PATENT.
    ANSWER 50 OF 58 USPATFULL ON STN
       97:78461 USPATFULL
      Heterocyclic neuropeptide Y receptor antagonists
      Bruns, Jr., Robert F., Carmel, IN, United States
N
      Gehlert, Donald R., Indianapolis, IN, United States
      Howbert, J. Jeffry, Bellevue, WA, United States
       Lunn, William H. W., Indianapolis, IN, United States
```

```
Eli Lilly and Company, Indianapolis, IN, United States (U.S.
      corporation)
PΙ
      US 5663192
                                19970902
٩I
      US 1994-326413
                                19941020 (8)
      Utility
DΤ
FS
      Granted
_N.CNT 1527
INCL
      INCLM: 514/420.000
      INCLS: 514/418.000; 514/448.000; 514/470.000
NCL
      NCLM:
              514/420.000
              514/418.000; 514/448.000; 514/470.000
      NCLS:
[C
      [6]
      ICM: A61K031-40
      ICS: A61K031-38; A61K031-34
      514/419; 514/420; 514/448; 514/470
EXF
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
_7
    ANSWER 51 OF 58 USPATFULL ON STN
N٨
      97:66005
                USPATFULL
ΓΙ
      DNA encoding a human 5-HT .sub.1F receptor and uses thereof
ΕN
      Weinshank, Richard L., New York, NY, United States
      Branchek, Theresa, Teaneck, NJ, United States
      Hartig, Paul R., Mahwah, NJ, United States
Α
      Synaptic Pharmaceutical Corporation, Paramus, NJ, United States (U.S.
      corporation)
ΡI
      US 5652113
                               19970729
      US 1994-216594
١
                               19940322 (8)
RLI
      Division of Ser. No. US 1992-817920, filed on 8 Jan 1992, now patented,
      Pat. No. US 5360735, issued on 1 Nov 1994
      Utility
T
S
      Granted
N.CNT 1936
INCL
      INCLM: 435/007.200
      INCLS: 435/069.100
ICL
             435/007.200
      NCLM:
      NCLS:
             435/069.100
C
      [6]
      ICM: G01N033-53
      435/7.1; 435/7.2; 435/7.21; 435/69.1; 435/240.1; 435/240.2; 435/320.1
.XF
AS INDEXING IS AVAILABLE FOR THIS PATENT.
    ANSWER 52 OF 58 USPATFULL ON STN
N
      97:51902 USPATFULL
      DNA encoding a human 5-HT.sub.1F receptor and uses thereof
Т
      Weinshank, Richard L., New York, NY, United States
Ν
      Branchek, Theresa, Teaneck, NJ, United States
      Hartig, Paul R., Princeton, NJ, United States
      Synaptic Pharmaceutical Corporation, Paramus, NJ, United States (U.S.
      corporation)
Ι
      US 5639652
                               19970617
      WO 9314201
                  19930722
                                                                      <--
Ι
      US 1994-117006
                               19940822 (8)
      WO 1993-US149
                               19930108
                               19940822
                                         PCT 371 date
                                         PCT 102(e) date
                               19940822
      Continuation-in-part of Ser. No. US 1992-817920, filed on 8 Jan 1992,
LI
      now patented, Pat. No. US 5360735, issued on 1 Nov 1994
Т
      Utility
S
      Granted
N.CNT 2285
NCL
      INCLM: 435/240.200
     INCLS: 435/320.100; 935/009.000; 935/070.000; 536/023.500; 536/024.310
\mathsf{CL}
     NCLM:
             435/356.000
     NCLS:
             435/320.100; 435/357.000; 435/361.000; 435/367.000; 536/023.500;
             536/024.310
C
      [6]
     ICM: C07H021-04
     ICS: C12N005-10
     435/69.1; 435/240.2; 435/252.3; 435/255.1; 435/320.1; 935/9; 935/70; 536/23.5; 536/24.31
ΧF
AS INDEXING IS AVAILABLE FOR THIS PATENT.
   ANSWER 53 OF 58 USPATFULL on STN
V
     96:120976 USPATFULL
     Methods and compositions for modulating G protein action
     Higashijima, Tsutomu, Dallas, TX, United States
```

PΑ

```
Ross, Elliott M., Dallas, TX, United States
        Board of Regents, The University of Texas, Austin, TX, United States
 PA
        (U.S. corporation)
PΙ
        us 5589568
                                  19961231
        US 1994-232453
                                  19940422 (8)
AΤ
        Continuation of Ser. No. US 1991-748319, filed on 21 Aug 1991, now
RLI
        abandoned
DT
        Utility
        Granted
FS
LN.CNT 2222
INCL
        INCLM: 530/324.000
        INCLS: 530/325.000; 530/326.000; 530/327.000
NCL
               530/324.000
        NCLM:
        NCLS:
               530/325.000; 530/326.000; 530/327.000
IC
        [6]
        ICM: A61K037-02
        ICS: C07K014-00; C07K007-08
530/324-327; 514/12-14
EXF
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
L7
      ANSWER 54 OF 58 USPATFULL ON STN
ΑN
        96:46152 USPATFULL
        Nucleic acids encoding human metabotropic glutamate receptors
TI
IN
        Daggett, Lorrie, San Diego, CA, United States
        Ellis, Steven B., San Diego, CA, United States
        Liaw, Chen, San Diego, CA, United States
        Pontsler, Aaron, Santee, CA, United States
        Salk Institute Biotechnology/Industrial Associates, La Jolla, CA, United
PA
        States (U.S. corporation)
PΙ
        US 5521297
                                 19960528
                                                                         <--
        US 1993-72574
ΑI
                                 19930604 (8)
        Utility
DT
FS
        Granted
LN.CNT 2502
        INCLM: 536/023.500
INCL
        INCLS: 435/240.100; 435/320.100
NCL
        NCLM:
               536/023.500
        NCLS:
               435/320.100; 435/325.000; 435/369.000
IC
        [6]
        ICM: C07H021-02
        ICS: C12N005-10; C12N015-79; C12N015-85
        536/23.1; 536/23.5; 435/240.2; 435/320.1
EXF
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
L7
     ANSWER 55 OF 58 USPATFULL ON STN
        95:112467 USPATFULL
AN
TI
        DNA encoding a human 5-HT.sub.1E receptor and uses thereof
IN
       Weinshank, Richard L., New York, NY, United States
        Branchek, Theresa, Teaneck, NJ, United States
       Hartig, Paul R., Mahwah, NJ, United States
PA
       Synaptic Pharmaceutical Corporation, Paramus, NJ, United States (U.S.
        corporation)
PΙ
        us 5476782
                                 19951219
AΙ
       US 1995-370542
                                 19950109 (8)
       Continuation of Ser. No. US 1994-194113, filed on 8 Feb 1994, now
RLI
       abandoned which is a continuation of Ser. No. US 1991-803626, filed on 2
       Dec 1991, now abandoned
DT
       Utility
FS
       Granted
LN.CNT 2051
INCL
       INCLM: 435/240.200
       INCLS: 536/023.500; 435/172.100; 530/350.000; 935/009.000
NCL
               435/356.000
               435/320.100; 530/350.000; 536/023.500
       NCLS:
IC
       [6]
       ICM: C07H021-04
       ICS: C12N005-10; C12N015-12
       435/172.1; 435/240.2; 435/69.1; 435/70.3; 435/71.1; 435/71.2; 435/320.1; 435/252.3; 435/254.11; 514/12; 514/21; 536/23.5; 530/350
EXF
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
L7
     ANSWER 56 OF 58 USPATFULL on STN
ΑN
       95:71502 USPATFULL
       Compositions useful as a cannabinoid receptor probe
TI
       Makriyannis, Alexandros, Ashford, CT, United States
ΙN
       Yan, Guo, Storrs, CT, United States
```

```
Abadji, Vasiliki, Willington, CT, United States
          University of Connecticut, Storrs, CT, United States (U.S. corporation)
 PA
 PΙ
          US 5440052
                                          19950808
 ΑI
          US 1993-103883
                                          19930806 (8)
          Utility
 DT
 FS
          Granted
 LN.CNT 544
 INCL
          INCLM: 549/390.000
          NCLM: 549/390.000
 NCL
 IC
          [6]
          ICM: C07D311-80
          549/390
 EXF
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
 L7
       ANSWER 57 OF 58 USPATFULL ON STN
          94:95349 USPATFULL
 ΑN
          DNA encoding a human 5-HT.sub.1F receptor, vectors, and host cells Weinshank, Richard L., New York, NY, United States
ΤI
IN
          Branchek, Theresa, Teaneck, NJ, United States
Hartig, Paul R., Mahwah, NJ, United States
          Synaptic Pharmaceutical Corporation, Paramus, NJ, United States (U.S.
PA
          corporation)
PΙ
          us 5360735
                                          19941101
                                                                                           <--
          US 1992-817920
ΑI
                                          19920108 (7)
          Utility
DT
FS
          Granted
LN.CNT
         1794
INCL
          INCLM: 435/240.200
          INCLS: 435/172.100; 435/252.300; 435/254.110; 435/320.100; 536/023.500
NCL
          NCLM:
                   435/356.000
          NCLS:
                   435/252.300; 435/254.110; 435/320.100; 536/023.500
IC
          [5]
          ÎCM: C12N005-00
          ICS: C12N015-00; C12N001-20; C12N001-16
EXF
          536/27; 536/23.5; 435/240.2; 435/252.3; 435/172.1; 435/6; 435/320.1;
          435/69.1
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
       ANSWER 58 OF 58 USPATFULL on STN
L7
          92:84975 USPATFULL
ΑN
TI
          DNA encoding human 5-HT.sub.1D receptors
          Weinshank, Richard L., New York, NY, United States
IN
          Branchek, Theresa, Teaneck, NJ, United States
          Hartig, Paul R., Mahwah, NJ, United States
          Neurogenetic Corporation, Paramus, NJ, United States (U.S. corporation)
PA
         US 5155218
US 1990-520716
ΡI
                                         19921013
                                         19900508 (7)
ΑI
DT
         Utility
FS
          Granted
LN.CNT 1513
INCL
          INCLM: 536/027.000
         INCLS: 435/006.000; 435/029.000; 435/034.000; 435/069.100; 435/070.300; 435/071.200; 435/091.000; 435/172.300; 435/240.200; 435/320.100; 435/820.000; 436/501.000; 436/503.000; 436/086.000; 436/811.000; 935/099.000; 935/018.000; 935/029.000; 935/034.000; 935/070.000;
                   935/072.000; 935/078.000
                   536/023.500
NCL
         NCLM:
                  435/006.000; 435/029.000; 435/034.000; 435/069.100; 435/070.300; 435/071.200; 435/091.410; 435/320.100; 435/356.000; 435/820.000; 436/086.000; 436/501.000; 436/503.000; 436/811.000
         NCLS:
         [5]
IC
         ĪCM: C07H021-04
         ICS: C12Q001-68
EXF
         435/6; 435/29; 435/34; 435/69.1; 435/70.3; 435/71.2; 435/91; 435/172.3;
435/240.2; 435/320; 435/820; 436/501; 436/503; 436/86; 436/811; 536/27; 935/4; 935/9; 935/18; 935/19; 935/29; 935/34; 935/36; 935/41; 935/70; 935/72; 935/77; 935/78; 935/88

CAS INDEXING IS AVAILABLE FOR THIS PATENT.
STN INTERNATIONAL LOGOFF AT 15:39:37 ON 24 JUN 2004
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